

STEREO MOC Status Report  
Time Period: 2009:271 - 2009:277

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- None

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 271, the SECCHI instrument reset at 17:28:35z. The SECCHI team reconfigured the instrument to operational mode at 272-1236z. This was the 13<sup>th</sup> reset of SECCHI on the AHEAD spacecraft.
- The average daily SSR playback volume for Ahead was 5.4 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 271, during the DSS 15 support, the maser receiver failed at 2304z. The backup HEMT receiver was placed on-line at 2308z. This resulted in the loss of 4 minutes of real-time telemetry and 2-way Doppler data, 31 minutes of ranging data, and less than an hour of SSR data for all instruments. See DR# G109727 for more information.
- On day 272, during the DSS 55 support, due to an exciter equipment anomaly, command bind was lost at 1557z. All SSR data was recovered. Note that on day 273, a Fiber Optic Interface Assembly was replaced on DSS 55 which corrected the problem. See DR# N105695 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 273, the 11th SECCHI stepped calibration, for the aphelion, was executed successfully.

- The average daily SSR playback volume for Behind was 6.3 Gbits during this week.